

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-37. (Canceled).

38. (Currently Amended) A method for communicating information relating to the scheduling of uplink data transmissions, wherein a mobile terminal uses a plurality of Hybrid Automatic Repeat reQuest (HARQ) processes to transmit uplink data via an Enhanced Uplink Dedicated Channel of a Universal Mobile Telecommunication System (UMTS) transmits data on the uplink to a plurality of base stations during soft handover of the mobile terminal in a mobile communication system, and wherein at least one base station of said plurality of base stations schedules uplink data transmissions of the mobile terminal in soft handover, the method comprising the steps of:

determining, at the at least one scheduling base station of said plurality of base stations, scheduling information for the mobile terminal indicative of an allocated maximum amount of uplink resources applicable to the individual HARQ processes used for uplink data transmission, transmitting from the at least one scheduling base station information to informing at least one other base station of said plurality of base stations to inform the at least one other base station on the applicability of the allocated maximum amount of uplink resources for uplink data transmissions on the individual HARQ processes, and

scheduling, by the at least one other base station at least one other mobile terminal in communication with a respective base station based on the information received from the scheduling base station using the indicated maximum amount of uplink resources allocated to said mobile terminal in soft handover.

39. (Currently Amended) The method according to claim 38, further comprising ~~the step~~ of signaling by said at least one scheduling base station the determined scheduling information to the mobile terminal in soft handover to allocate the maximum amount of uplink resources to the mobile terminal ~~used~~ for uplink data transmissions on the individual HARQ processes.

40. (Currently Amended) The method according to claim 38, wherein the maximum amount of uplink resources applicable on the individual HARQ processes used for uplink data transmissions indicates the maximum data rate or the ~~uplink~~ maximum uplink transmission power ratio that may be used by the mobile terminal for uplink transmissions using the individual HARQ processes.

41. (Currently Amended) The method according to claim 39, wherein the at least one scheduling base station schedules uplink data transmissions by controlling the Transport Format Combination Set (TFCS) ~~TFCS~~ available to the mobile terminal in soft handover for uplink data transmission or by controlling the uplink transmission power ratio of the mobile terminal.

42. (Currently Amended) The method according to claim 38, wherein the indicated allocated applicability of maximum amount of uplink resources for uplink data transmission on the individual HARQ processes is transported via a serving radio an network controller entity controlling radio resources of the mobile terminal in soft handover, and wherein indicating the applicability of allocated maximum amount of uplink resources for uplink data transmission on the HARQ processes comprises the steps of:

signaling the applicability of allocated maximum amount of uplink resources for uplink data transmissions on the individual HARQ processes from the at least one scheduling base station to the serving radio a network controller entity controlling radio resources of said mobile terminal in soft handover, and

informing the applicability of forwarding the allocated maximum amount of uplink resources for uplink data transmissions on the individual HARQ processes resources to the other base stations by the serving radio network controller resource controlling entity.

43. (Currently Amended) The method according to claim 42, wherein the serving radio network controller resource controlling entity determines whether to forward the applicability of allocated maximum amount of uplink resources for uplink data transmissions on the individual HARQ processes to a respective one of said other base stations based on the cell interference within the radio cell controlled by the respective one of said other base stations.

44. (Currently Amended) The method according to claim 38, wherein the indicated allocated applicability of maximum amount of uplink resources for uplink data transmissions on the individual HARQ processes for is transported using control signaling.

45. (Currently Amended) The method according to claim 38, wherein the scheduling base station determines, signals and indicates the applicability of allocated maximum amount of uplink resources for uplink data transmissions on the individual HARQ processes for allocated to the mobile terminal in soft handover each time the mobile terminal in soft handover is scheduled.

46. (Currently Amended) The method according to claim 38, further comprising the steps of determining at the at least one scheduling base station new scheduling information for the mobile terminal indicative of a new allocated maximum amount of uplink resources allocated to the mobile terminal for uplink data transmission on the individual HARQ processes, signaling by the at least one scheduling base station the determined new second scheduling information to the mobile terminal in soft handover to allocate to the mobile terminal the new maximum amount of uplink resources applicable on the individual HARQ processes for uplink data transmissions to the terminal, and informing said other base stations on the allocated new amount of uplink resources to, if a difference between the new applicability of maximum amount of uplink resources for uplink data transmissions on the individual HARQ processes and the previous applicability of maximum amount of uplink resources for uplink data transmissions on the individual HARQ processes is larger than a predetermined threshold value.

47. (Currently Amended) The method according to claim 46, further comprising the step of receiving by the at least one scheduling base station information indicating the predetermined threshold value from a serving radio network controller network entity controlling the radio resources of the mobile terminal in soft handover.

48. (Currently Amended) The method according to claim 41, wherein the plurality of base stations defines the active set of the mobile terminals terminal in soft handover and wherein the method further comprises the steps of adding a base station to the active set of the mobile terminals terminal and
signaling the applicability of maximum amount of resources allocated maximum amount of uplink resources for uplink data transmissions on the individual HARQ processes for to the mobile terminal in soft handover to said added base station by the serving radio network controller radio resource controlling entity.

49. (Currently Amended) The method according to claim 48, wherein information for signaling of the applicability of maximum amount of uplink resources for uplink data transmissions on the individual HARQ processes to said added base station is comprised within a message communicated during the active set update procedure.

50. (Previously Presented) The method according to claim 38, wherein one base station of said plurality of base stations schedules uplink data transmissions of the mobile terminal in soft handover to all base stations of said plurality of base stations.

51. (Previously Presented) The method according to claim 38, wherein each of said base stations schedules uplink data transmissions of the mobile terminal in soft handover to the respective one of said plurality of base stations.

52. (Currently Amended) The method according to claim 51, wherein each of the plurality of base stations determines scheduling information for the mobile terminal indicative of an allocated a maximum amount of uplink resources for uplink data transmission on the individual HARQ processes allocated to the mobile terminal by the respective base station, and signals the determined scheduling information to the mobile terminal in soft handover to allocate the maximum amount of uplink resources for uplink data transmissions using the individual HARQ processes to the terminal for uplink data transmission to the respective base station.

53. (Currently Amended) The method according to claim 52, further comprising ~~the step~~ of choosing by the mobile terminal the lowest assigned maximum amount of uplink resources for uplink data transmissions using the individual HARQ processes for uplink transmissions to all base stations of the plurality of base stations.

54. (Currently Amended) The method according to claim 53, further comprising the step of forming by the mobile terminal a combined maximum amount of uplink resources on the assigned maximum amounts of uplink resources for uplink data transmissions using the HARQ processes, which is used by the mobile terminal for uplink transmissions to all base stations of the plurality of base stations.

55. (Currently Amended) The method according to claim 52, wherein each of the plurality of base stations indicates its allocated applicability of maximum amount of uplink resources for uplink data transmissions on the HARQ processes to a serving radio network controller network entity controlling the radio resources of the mobile terminal in soft handover and

at least a subset of the plurality of base stations schedules at least one mobile terminal in communication with the respective base station taking into account a combined value or a lowest value of a maximum amount of uplink resources for uplink data transmissions on the individual HARQ processes signaled to the respective base station from the serving radio network controller radio resource control entity.

56. (Currently Amended) The method according to claim 55, further comprising the steps of determining at the serving radio network controller radio resource control entity a combined value or a lowest value of a maximum amount of uplink resources based on the maximum amounts of allocated resources indicated by the plurality of base stations and

signaling the combined value or the lowest value of a maximum amount of uplink resources for uplink data transmissions on the individual HARQ processes from the serving radio network controller radio resource control entity to a subset of said plurality of base stations.

57. (Currently Amended) The method according to claim 56, wherein the combined value or the lowest value of a maximum amount of uplink resources is signaled to those base stations having indicated a maximum amount of uplink resources for uplink data transmissions using the HARQ processes resources different from the combined value or the lowest value.

58. (Currently Amended) The method according to claim 38, further comprising the step of requesting by a serving radio network controller network entity controlling the radio resources of the mobile terminal in soft handover from at least one base station of said plurality of base stations station to signal the applicability of allocated maximum amount of uplink resources for uplink data transmissions on the individual HARQ processes for allocated to the mobile terminal in soft handover to said serving radio network controller radio resource controlling entity.

59. (Currently Amended) The method according to claim 38, wherein the maximum allocated amount of uplink resources for uplink data transmissions on the individual HARQ processes is signaled from a base station to the mobile terminal via a shared channel or a dedicated channel.

60. (Currently Amended) The method according to claim 38, wherein the transmitted uplink data is carried by an Enhanced Dedicated Channel (E-DCH) ~~E-DCH~~.

61. (Currently Amended) A mobile communication system for communicating information relating to the scheduling of uplink data transmissions, wherein the communication system comprises:

a mobile terminal that uses a plurality of Hybrid Automatic Repeat reQuest (HARQ) processes to transmit uplink data on an Enhanced Uplink Dedicated Channel of a Universal Mobile Telecommunication System (UMTS) transmits data on the uplink to a plurality of base stations during soft handover of the mobile terminal in the mobile communication system, and said plurality of base stations, wherein at least one base station of said plurality of base stations schedules uplink data transmissions of the mobile terminal in soft handover, the communication system comprising said plurality of base stations,

wherein the at least one scheduling base station of said plurality of base stations determines is operable to determine scheduling information for the mobile terminal indicative of an allocated maximum amount of uplink resources applicable to HARQ processes used for uplink data transmissions and transmits information to and is operable to inform at least one other base station stations of the plurality of base stations to inform the at least one other base station on the applicable of the allocated maximum amount of uplink resources for uplink data transmissions on the individual HARQ processes, and

wherein the at least one other base station schedules is operable to schedule at least one other mobile terminal in communication with a respective base station based on the information

~~received from the scheduling base station using the indicated maximum amount of uplink resources allocated to said mobile terminal in soft handover.~~

62. (Currently Amended) The mobile communication system according to claim 61, wherein the at least one scheduling base station ~~transmits~~ is operable to signal the determined scheduling information to the mobile terminal in soft handover to allocate the maximum amount of ~~uplink~~ resources applicable to the HARQ processes used to uplink data transmissions to the terminal.

63. (Currently Amended) The mobile communication system according to claim 62, wherein the other base stations of said plurality of base stations are operable to schedule at least one other mobile terminal in communication with a respective base station taking into account the indicated ~~applicability of allocated maximum amount of uplink resources for uplink data transmissions on the HARQ processes for maximum amount of resources allocated to said~~ mobile terminal in soft handover.

Claim 64-74 (Cancelled).